

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated August 27, 2007 has been received and its contents carefully reviewed.

By this Amendment, claims 18 and 34 are amended. Accordingly, claims 1-35 are currently pending, with claims 1-17 and 20-33 being withdrawn from consideration. Reexamination and reconsideration of the pending claims is respectfully requested.

In the Office Action, claims 18-19 and 34-35 are rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Applicants' Related Art (ARA) in view of Yamada et al. (JP 2002-258299). This rejection is respectfully traversed and reconsideration is requested.

Claim 18 is allowable over the cited references in that claim 18 recites a combination of elements including, for example, "...aligning each nozzle with the dispensing position of each liquid crystal panel; dispensing a material through the plurality of nozzles at the same time from the syringe onto a plurality of the liquid crystal display panels of at least one of the thin film transistor array substrate and the color filter substrate..." None of the cited references including Yamada et al., singly or in combination, teaches or suggests at least this feature of the claimed invention.

In the Office Action, the Examiner acknowledges "it is unclear as to whether the Admitted Prior Art teaches a syringe having a plurality of nozzles where at least one of the nozzles can move with respect to a position of the body of the syringe where the material can be dispensed from the nozzles at the same time" See Office Action, page 2, lines 11-14.

The Examiner cites Yamada et al. as allegedly teaching "it being known in the art of liquid crystal display manufacture to use a dispensing apparatus comprising a syringe having a body (8) for containing a dispensing material and a plurality of nozzles (10) at one end of the body to supply the material onto a substrate. At least one of the nozzles can be moved with respect to the body to adjust the size of a dispensed pattern and the material can be dispensed from the plurality of nozzles simultaneously. This makes it possible to form various types/sizes of panels on one substrate, as shown in Figure 5 of Yamada." See Office Action, page 7, lines 15-22.

As motivation for curing the deficiency of ARA with Yamada et al., the Examiner states, "It would have been obvious to one of ordinary skill in the art at the time the invention to use a

dispensing apparatus where the syringe has a plurality of nozzles connected to its body portion such that at least one of the nozzles moves with respect to the body and the plurality of nozzles dispense the material simultaneously when manufacturing the LCD panel of the Admitted Prior Art because such is known in the art, as evidenced by Yamada, where this allows for various types/sizes of panels to be formed on one substrate thereby increasing productivity.” See Office Action, page 3, lines 1-6.

Applicants respectfully disagree that Yamada et al. cures the deficiency of ARA, because Yamada et al. fails to teach or suggest at least “aligning each nozzle with the dispensing position of each liquid crystal panel; dispensing a material through the plurality of nozzles at the same time from the syringe onto a plurality of the liquid crystal display panels of at least one of the thin film transistor array substrate and the color filter substrate.”

As shown in figure 1 of Yamada et al., a plurality of nozzles are disposed above one liquid crystal display panel. The liquid crystal material is dropped from a plurality of nozzles onto the one liquid crystal display panel to form the liquid crystal layer in the liquid crystal display panel. Contrary to Yamada et al., in the claimed invention, a plurality of nozzles are disposed above a plurality of liquid crystal panels. That is, in the claimed invention, only one nozzle is disposed above the corresponding liquid crystal panel and thus the dispensing material is dispensed onto a plurality of liquid crystal display panels at the same time.

Thus, Yamada et al. fails to teach or suggest at least “aligning each nozzle with the dispensing position of each liquid crystal panel; dispensing a material through the plurality of nozzles at the same time from the syringe onto a plurality of the liquid crystal display panels of at least one of the thin film transistor array substrate and the color filter substrate.”

Accordingly, Applicants respectfully submit that claim 18 and claim 19, which depends from claim 18, are allowable over the cited references.

Claim 34 is allowable over the cited references in that claim 34 recites a combination of elements including, for example, “...aligning each nozzle with the dispensing position of each liquid crystal panel; dispensing a material through the plurality of nozzles at the same time from the syringe onto a plurality of the liquid crystal display panels of at least one of the thin film transistor array substrate and the color filter substrate...” None of the cited references including Brand et al., singly or in combination, teaches or suggests at least this feature of the claimed invention.

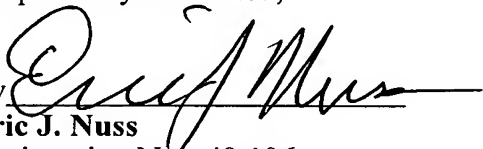
In the Office Action, the Examiner rejects claim 34 for the same reasons as claim 18. Applicants' arguments with respect to claim 18 are equally applicable to claim 34 and Applicants respectfully submit that claim 34 and claim 35, which depends from claim 35, are allowable over the cited references.

Applicants believe the application is in condition for allowance and early, favorable action is respectfully solicited. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: **27 November 2007**

Respectfully submitted,

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